

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2216	(fiber fibre fibers fibres waveguide wave-guide) with (insert\$4 penetrat\$4 pok\$3) with (couple coupling transmit\$4 receiv\$4 reflect\$4)	US-PGPUB	OR	ON	2005/10/14 13:36
L2	6069	(fiber fibre fibers fibres waveguide wave-guide) with (vcsel laser) with (couple coupling transmit\$4 receiv\$4 reflect\$4)	US-PGPUB	OR	ON	2005/10/14 13:37
L3	487	L1 and L2	US-PGPUB	OR	ON	2005/10/14 13:37
L4	256	L3 and "385"/\$.ccls.	US-PGPUB	OR	ON	2005/10/14 13:37
L5	209	L4 and (penetrat\$4 cut\$3 insert\$4 poke) near4 (fiber fibre waveguide sheath sleeve)	US-PGPUB	OR	ON	2005/10/14 13:39
L6	100	L5 and (etch etching)	US-PGPUB	OR	ON	2005/10/14 13:39
S1	72272	(optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)	USPAT	OR	OFF	2004/10/19 11:08
S2	96256	optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)	USPAT	OR	OFF	2004/10/19 11:10
S3	1230788	insert\$4 penetrat\$4	USPAT	OR	OFF	2004/10/19 11:11
S4	12732	((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and (insert\$4 penetrat\$4) and @ad<"20030805"	USPAT	OR	OFF	2004/10/19 11:11
S5	10328	(insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)	USPAT	OR	OFF	2004/10/19 11:11
S6	2632	((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805"	USPAT	OR	OFF	2004/10/19 11:12
S7	1543	(((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and ("385"/\$).ccls.	USPAT	OR	OFF	2004/10/19 14:06

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S8	1236	((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.	USPAT	OR	OFF	2004/10/19 11:15
S9	373	(((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic same fiber)	USPAT	OR	OFF	2004/10/19 11:16
S10	251	(((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic with fiber)	USPAT	OR	OFF	2004/10/19 11:16
S11	125	(((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic near4 fiber)	USPAT	OR	OFF	2004/10/19 11:27
S12	126	((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic with fiber)) not (((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic near4 fiber))	USPAT	OR	OFF	2004/10/19 11:31

S13	122	(((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic same fiber)) not (((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((opto optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic with fiber))	USPAT	OR	OFF	2005/06/03 10:17
S14	923	"vcSEL" and (optic\$3 near3 fiber\$1)	USPAT	OR	OFF	2004/10/19 15:37
S15	749	("vcSEL" and (optic\$3 near3 fiber\$1)) and (optic\$3 near5 (coupl\$3 connect\$4 interconnect\$4))	USPAT	OR	OFF	2004/10/19 15:38
S16	747	(("vcSEL" and (optic\$3 near3 fiber\$1)) and (optic\$3 near5 (coupl\$3 connect\$4 interconnect\$4))) and @ad<"20030805"	USPAT	OR	OFF	2004/10/19 15:38
S17	340	((("vcSEL" and (optic\$3 near3 fiber\$1)) and (optic\$3 near5 (coupl\$3 connect\$4 interconnect\$4))) and @ad<"20030805") and ("385"/\$.ccls.)	USPAT	OR	OFF	2005/06/03 10:18
S18	1	("5305401").PN.	USPAT; USOCR	OR	OFF	2004/10/19 16:29
S22	236506	(optic\$4) near5 (connect\$4 coupl\$3 interconnect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/09 12:49
S23	236799	optic\$4 near5 (connect\$4 coupl\$3 interconnect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:00
S24	539147	(vcSEL\$1 laser\$1 diode\$1 source\$1) same (optic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:02

S25	44470	(penetrat\$4 pierc\$4 insert\$5 pok\$4 stick\$4) same (optic\$4 near3 (fibre\$1 fiber\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:17
S26	13527	S23 and S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:04
S27	6838	S23 same S25 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:24
S28	1260	(S23 and S24 and S25).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:25
S29	0	S28 and "385".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:25
S30	242	S28 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 12:26
S31	238	S30 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S32	30149	385/15-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 13:08

S33	29090	S32 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 13:08
S34	715	S33 and @pd>"20041019"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 13:18
S35	111	S34 and (((penetrat\$5 pierc\$4 insert\$5 pok\$4) with (optic\$4 near3 (fibre\$1 fiber\$1)) same (coupl\$4 connect\$4 interconnect\$4 transmit\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S36	1	("20050031265").PN.	US-PGPUB	OR	OFF	2005/02/10 13:18
S37	1894	(diode\$1 LED\$2) with (VCSEL\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 15:05
S38	127	(diode\$1 LED\$2 VCSEL\$2) near15 (lateral\$3 near3 coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 15:06
S39	5	S38 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 15:07
S40	5	S39 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12

S41	5	(((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic same fiber)) not (((((optic\$4) near3 (coupl\$3 connect\$4 interconect\$4)) and (optoelec\$7 (opto-elec\$7) ((optic\$3) near3 elec\$7)) and ((insert\$4 penetrat\$4) with (optic\$3 near2 fiber\$1)) and @ad<"20030805") and (385/15-94).ccls.) and (plastic with fiber)) and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:22
S42	39	((("vcsel" and (optic\$3 near3 fiber\$1)) and (optic\$3 near5 (coupl\$3 connect\$4 interconnect\$4))) and @ad<"20030805") and ("385"/\$.ccls.) and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:23
S43	246327	optic\$4 near5 (connect\$4 coupl\$3 interconnect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S44	556880	(vcsel\$1 laser\$1 diode\$1 source\$1) same (optic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S45	45917	(penetrat\$4 pierc\$4 insert\$5 pok\$4 stick\$4) same (optic\$4 near3 (fibre\$1 fiber\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S46	1281	(S43 and S44 and S45).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S47	246	S46 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12

S48	2	S47 and @ad<"20030805" and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S49	31035	385/15-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S50	29572	S49 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S51	1193	S50 and @pd>"20041019"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:19
S52	90	S51 and (((penetrat\$5 pierc\$4 insert\$5 pok\$4) with (optic\$4 near3 (fibre\$1 fiber\$1)) same (coupl\$4 connect\$4 interconnect\$4 transmit\$5))) and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:14
S53	2052	(diode\$1 LED\$2) with (VCSEL\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:20
S54	134	(diode\$1 LED\$2 VCSEL\$2) near15 (lateral\$3 near3 coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:20
S55	6	S54 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13

S56	0	S55 and @ad<"20030805" and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 10:20
S57	2267	(diode\$1 LED\$2) with (VCSEL\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12
S58	142	(diode\$1 LED\$2 VCSEL\$2) near15 (lateral\$3 near3 coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12
S59	6	S58 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12
S60	5	S59 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12
S61	0	S60 and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:12
S62	256843	optic\$4 near5 (connect\$4 coupl\$3 interconnect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S63	577152	(vcsel\$1 laser\$1 diode\$1 source\$1) same (optic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13

S64	47479	(penetrat\$4 pierc\$4 insert\$5 pok\$4 stick\$4) same (optic\$4 near3 (fibre\$1 fiber\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S65	1302	(S62 and S63 and S64).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S66	249	S65 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S67	3	S66 and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:15
S68	2267	(diode\$1 LED\$2) with (VCSEL\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S69	142	(diode\$1 LED\$2 VCSEL\$2) near15 (lateral\$3 near3 coupl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S70	6	S69 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S71	0	S70 and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13

S72	4	S66 and @ad<"20030805" and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:13
S73	609911	S72 @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:16
S74	32084	385/15-94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:14
S75	30009	S74 and @ad<"20030805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:14
S76	1629	S75 and @pd>"20041019"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:14
S77	165	S76 and (((penetrat\$5 pierc\$4 insert\$5 pok\$4) with (optic\$4 near3 (fibre\$1 fiber\$1)) same (coupl\$4 connect\$4 interconnect\$4 transmit\$5))) and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:14
S78	75	S77 and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:17
S79	609911	S72 @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:16

S80	2	S72 and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 13:16
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